

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Teruaki Nishioka )  
 )  
 Div. of )  
 Serial No. 09/950,454 )  
 )  
 Filed: 9/10/2001 )  
 )  
 For: LAPPING MACHINE, LAPPING )  
 METHOD, AND METHOD OF )  
 MANUFACTURING MAGNETIC )  
 HEAD )  
 )  
 Art Unit: 3723 )  
 )  
 Examiner: Morgan, Eileen P. )

*I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: MS Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450, on this date.*

4/13/04  
Date

  
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.


It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO-1449 U.S. Department of Commerce  
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 1508.70073

Div. of Serial No.:  
09/950,454

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Nishioka et al

Filing Date: 9/10/2001

Group: 3723

#### U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,899,793	May 4, 1999	Yanagida et al.	451	8	10-20-97
	6,375,539	Apr. 23, 2002	Sudo et al.	451	5	Jul. 24, 2001
	6,532,646	Mar. 18, 2003	Watanuki	29	603.12	2-1-99

#### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	10-286765	Oct. 27, 1998	Japan			Abs.	
	04-053672	Feb. 21, 1992	Japan			Abs.	
	07-009328	Jan. 13, 1995	Japan			Abs.	
	05-225511	Sep. 3, 1993	Japan			Abs.	
	11-000863	Jan. 6, 1999	Japan			Abs.	

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.